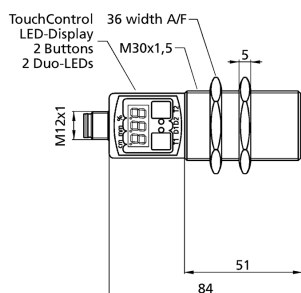
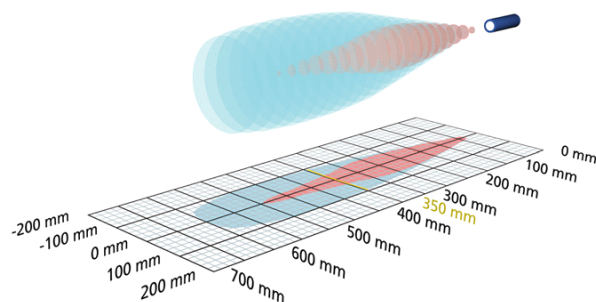


# mic+35/DD/TC

## scale drawing



## detection zone



2 x pnp



measuring range	65 - 600 mm
design	cylindrical M30
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	Display UL Listed

## ultrasonic-specific

means of measurement	echo propagation time measurement
transducer frequency	400 kHz
blind zone	65 mm
operating range	350 mm
maximum range	600 mm
resolution	0.025 mm
reproducibility	± 0.15 %
accuracy	± 1 % (temperature drift internally compensated)

## electrical data

operating voltage $U_B$	9 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
no-load current consumption	≤ 80 mA
type of connection	5-pin M12 initiator plug

# mic+35/DD/TC

## outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ( $U_B - 2V$ ) NOC/NCC adjustable, short-circuit-proof
output 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ( $U_B - 2V$ ) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	5 mm
switching frequency	12 Hz
response time	64 ms
delay prior to availability	< 300 ms

## inputs

input 1	com input synchronisation input
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## housing

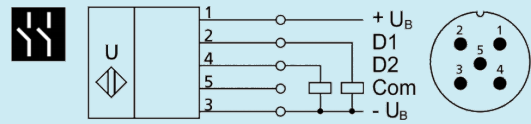
material	brass sleeve, nickel-plated, plastic parts, PBT, TPU
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	150 g
further versions	stainless steel cable connection (on request)
further versions	<a href="#">mic+35/DD/TC/E</a>

## technical features/characteristics

temperature compensation	yes
controls	2 push-buttons + LED display (TouchControl)
scope for settings	Teach-in and numeric configuration via TouchControl LCA-2 with LinkControl
Synchronisation	yes
multiplex	yes
indicators	3-digit LED display, 2 x three-colour LED
particularities	Display UL Listed

# mic+35/DD/TC

## pin assignment



order no.

**mic+35/DD/TC**

The content of this document is subject to technical changes.  
Specifications in this document are presented in a descriptive way  
only. They do not warrant any product features.